

SN  
C1  
30. (Amended.) A golf ball comprising:

- (a) a core; and,
- (b) a cover, said cover being a polyurethane formed from the reaction products of:
  - (1) a diisocyanate selected from the group consisting of toluene diisocyanate, 4,4'-diphenylmethane diisocyanate, Isophorone diisocyanate and mixtures thereof;
  - (2) a polyol; and,
  - (3) a curing agent comprising:
    - (a) a first diamine dimethylthio-2,4-toluenediamine [which reacts at having a first diamine reaction rate; and,
    - (b) a second diamine [which reacts at a rate faster than the first diamine] having a second diamine reaction rate, wherein said first diamine reaction rate is slower than said second diamine reaction rate at room temperature.

SN  
C3  
43. (Amended.) A golf ball comprising:

a center having a diameter of about 1.42" and comprising 100 PPHR cis polybutadiene rubber, 20 PPHR zinc acrylate salt, 24.5 PPHR barium sulfate, 6 PPHR zinc oxide, 3 PPHR zinc stearate and 2.1 PPHR 1,1-di-(tert-butylperoxy)-3,3,5-trimethyl cyclohexane;

a thread winding layer comprised of polyisoprene rubber and having a thread size of 0.017" x 5/64" so that the thread layer thickness is about 0.08" and the combination of the core and thread windings has a diameter of about 1.58"; and,